	Fried	Aklog	Berger	Burchiel	Burke	Christenson	Fendrick	McDonough	Ommaya	Shatin	Kuebler	Bergthold	Kirkpatrick	Sullivan	Koval	Boyan	Voting Member Average	Overall Average
How well does the current scientific evidence support well-defined indications for the use of these technologies in the treatment of nonunion fractures?																		
* 1 - Poorly * 2 * 3 - Reasonably Well * 4 * 5 - Very Well																		
Ultrasound w/o surgery	2	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2.44	2.44
Ultrasound w/surgery	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	4	2.38	2.38
Internal Electrical Stimulation	2	1	1	2	1	2	2	3	2	1	1	2	2	2	4	3	1.94	1.94
EC w/o surgery	2	2	2	2	2	2	2	4	3	2	3	2	2	2	4	5	2.56	2.56
EC w/surgery	3	2	2	2	2	2	2	2	3	2	3	2	2	2	3	4	2.38	2.38
PEMF w/surgery	2	3	2	3	2	3	2	3	3	3	3	3	2	2	3	5	2.75	2.75
PEMF w/o surgery	3	3	2	3	2	2	3	4	3	3	3	2	3	3	5	5	3.06	3.06
DBM	2	2	1	1	1	2	2	1	1	2	2	2	2	2	2	4	1.50	1.81
BMP7:	4	5	2	3	3	3	4	4	3	3	2	4	3	3	5	3	3.38	3.38
BMP2:	2	3	1	1	1	1	1	1	1	2	3	2	4	1	2	4	2.00	1.00
2. How confident are you in the validity of the scientific evidence for biophysical enhancement in nonunion treatments on the following outcomes?  I (no confidence) - 2 - 3(Moderate confidence) - 4 - 5 (High confidence)																		
Ultrasound w/surgery		_	1	ı			ı		ı	_				1	1	_		
Morbidity (infection, amputation, permanent loss of limb function	) 5	2	1	1	1	5	4	5	4	3	2	4	3	3	3	3	3.06	3.06
Radiographic Healing	3	2	2	2	2	2	2	2	2	2	3	3	4	2	2	4	2.10	2.44
Clinical Healing	2	2	2	2	2	2	1	2	2	3	3	2	4	2	2	3	2.25	2.25
Radiographic Healing and Clinical Healing	3	2	2	2	2	2	2	2	2	1	3	2	4	2	2	3	2.00	2.25
Ultrasound w/o surgery																		
Morbidity (infection, amputation, permanent loss of limb function	) 3	3	4	1	4	5	5	5	5	3	5	4	4	3	4	3	3.81	3.81
Radiographic Healing	3	3	2	2	2	2	2	3	2	1	4	4	4	2	2	3	2.20	2.56
Clinical Healing	2	3	2	2	2	2	1	3	2	1	4	3	4	2	2	2	2.31	2.31
Radiographic Healing and Clinical Healing	3	3	2	2	2	2	2	3	2	1	4	3	4	2	2	3	2.20	2.50
Internal electrical		-			=		-		-	•				-		-		
Morbidity (infection, amputation, permanent loss of limb function	) 3	1	1	1	1	3	3	3	2	3	2	2	3	1	4	2	2.19	2.19
Radiographic Healing	2	2	2	2	2	3	2	3	2	1	1	2	2	2	4	3	2.10	2.19
Clinical Healing	2	2	2	2	2	3	2	3	2	1	2	2	2	2	4	3	2.25	2.25
Radiographic Healing and Clinical Healing	2	2	2	2	2	2	2	3	2	1	2	2	2	2	4	3	2.00	2.19
EC w/o surgery																		
Morbidity (infection, amputation, permanent loss of limb function	) 4	3	1	1	2	5	4	5	4	3	3	4	3	2	5	5	3.38	3.38
Radiographic Healing	3	2	2	3	2	2	2	4	2	3	2	3	2	2	4	5	2.50	2.69
Clinical Healing	3	2	2	3	2	2	2	4	2	3	2	2	2	2	4	5	2.63	2.63
Radiographic Healing and Clinical Healing	3	2	2	3	2	2	2	4	2	2	2	2	2	2	4	5	2.40	2.56
EC w/surgery																		
Morbidity (infection, amputation, permanent loss of limb function	) 4	2	1	1	2	5	3	5	4	3	3	4	3	2	5	5	3.25	3.25

Modelsty plateston, ampation, permanent less of line function   S.   2.   2.   2.   2.   2.   2.   2.																			
Residency pulse invaling and Clinical Hands   3   3   2   2   2   2   2   2   2   2	Radiographic Healing	3	3	2	2	2	2	4	2	2	2	2	3	2	2	4	5	2.40	2.63
Mortately (profession, magnifaction, permanent loss or limb Excession (from Ex	Clinical Healing	3	3	2	2	2	2	2	2	2	2	2	2	2	2	4	5	2.44	2.44
Marketing polarities, personal tisse of limb functions   4   2   1   1   2   3   4   5   4   3   4   3   4   2   4   5   5   5   5   5   5   5   5   5		3	3	2	2	2	2	2	2	2	1	2	2	2	2	4	5	2.10	2.38
Mobilety (oversion, permission permission set into function ( )   0   0   0   0   0   0   0   0   0	PEMF w/surgery		T	_	1	T	ī	ī		1		ı		1	Г		1		
Chiese   March   Chiese   March   Chiese   Chi	Morbidity (infection, amputation, permanent loss of limb function	) 5	2	1	1	2	3	4	5	4	3	4	3	4	3	5	5	3.38	3.38
Radiographic Healing and Clinical Healing   4   3   2   3   2   3   2   3   2   3   3	Radiographic Healing	4	3	2	3	2	3	3	3	3	4	3	4	4	2	4	5	3.00	3.25
Marbidity (infection, ampiration, parameter)	Clinical Healing	3	3	2	3	2	3	2	3	3	2	3	3	4	3	4	5	3.00	3.00
Markethy (Infection, apputation, permanent loss of limb function)   5		4	3	2	3	2	3	2	3	3	2	3	3	4	3	4	5	2.70	3.06
Secretary protection, supposed to section of the function of	PEMF w/o surgery							_		_									
Clinical Hading   2   4   2   3   3   3   2   4   3   1   4   3   4   3   4   5   2.09   3.25	Morbidity (infection, amputation, permanent loss of limb function	) 5	4	1	1	2	5	4	5	5	3	5	5	4	4	5	5	3.94	3.94
Rediographic Healing and Clinical Healing  Morbidity (infection, amputation, permanent loss of limb function)  Standard Healing and Clinical Healing  Rediographic Healing  Rediographi	Radiographic Healing	4	4	2	3	3	3	3	4	3	2	5	4	3	2	4	4	3.10	3.31
Morbidity (infection, amputation, permanent loss of limb function)  Morbidity (infection, amputation, permanent loss of limb function)  Radiographic Healing and Clinical Healing  Morbidity (infection, amputation, permanent loss of limb function)  Morbidity (infection, amputatio	Clinical Healing	3	4	2	3	3	3	2	4	3	1	4	3	4	3	4	5	3.19	3.19
Morbidity (infection, amputation, permanent loss of limb function)   3	Radiographic Healing and Clinical Healing	4	4	2	3	3	3	2	4	3	1	4	3	4	3	4	5	2.90	3.25
Morbidity (infection, amputation, permanent loss of limb function   2   2   2   2   2   2   2   2   2	DBM:																		
Radiographic Healing and Clinical Healing   2   2   2   2   2   2   2   2   2	Morbidity (infection, amputation, permanent loss of limb function	) 3	1	1	1	1	2	2	3	1	3	3	1	2	1	2	4	1.94	1.94
Radiographic Healing and Clinical Healing  Registration of the Clinica		2	2	2	2	2	2	3	1	2	2	3	2	1	2	2	4	2.00	2.13
Morbidity (infection, amputation, permanent loss of limb function   4   5   2   1   2   3   4   3   2   2   3   4   3   4   5   4   3.19   3.19	Clinical Healing	2	2	2	2	2	2	2	1	2	1	3	2	2	2	2	4	2.06	2.06
Morbidity (infection, amputation, permanent loss of limb function)   4   5   2   1   2   3   4   3   2   2   3   4   3   4   5   4   3.19   3.11	Radiographic Healing and Clinical Healing	2	2	2	2	2	2	2	1	2	1	3	2	2	2	2	4	1.80	2.0
Radiographic Healing	BMP7:																		
Chinical Healing   4   4   3   3   3   3   2   4   3   3   3   3   4   4   5   4   3.44   3	Morbidity (infection, amputation, permanent loss of limb function	) 4	5	2	1	2	3	4	3	2	2	3	4	3	4	5	4	3.19	3.19
Radiographic Healing and Clinical Healing  Radiographic Healing  Radiog	Radiographic Healing	4	4	3	3	3	3	3	4	3	3	2	3	4	3	5	3	3.30	3.3
Morbidity (infection, amputation, permanent loss of limb function   5	Clinical Healing	4	4	3	3	3	3	2	4	3	3	3	3	4	4	5	4	3.44	3.4
Morbidity (infection, amputation, permanent loss of limb function)   2   3   1   1   1   2   3   3   3   1   2   3   3   3   1   2   4   2.19   2.1		4	4	3	3	3	3	2	4	3	2	3	3	4	4	5	4	3.10	3.3
Radiographic Healing   2   3   2   2   2   2   2   1   1   3   2   1   3   1   2   4   2.00   2.00	BMP2:		_		1	ı	ı					1			ı	T	ı		
Clinical Healing   2   3   2   2   2   2   2   1   1   3   2   2   3   1   2   4   2.00   2.01	Morbidity (infection, amputation, permanent loss of limb function	) 2	3	1	1	1	2	3	3	1	2		3	3	1	2	4	2.19	2.19
Radiographic Healing and Clinical Healing  Radiographic Healing  Radio	Radiographic Healing	2	3	2					1	1	3		1		1		4	2.00	2.0
How likely is it that the following treatments for nonunion fractures will positively affect the following health outcomes, where the outcome is causally related to the respective biophysical enhancement?  Item likely) - 2 - 3 (reasonably likely) - 4 - 5 (very likely)  Ultrasound w/surgery  Morbidity (infection, amputation, permanent loss of limb function)  Radiographic Healing 4 3 2 2 2 2 2 2 4 2 3 4 4 3 3 3 4 4 3 4 2 2 4 2 80 2.9  Clinical Healing 4 3 2 2 2 2 2 2 3 2 2 3 3 2 2 1 3 3 3 4 4 2 2 4 2 2 4 2.69 2.66  Radiographic Healing 4 3 2 2 2 2 2 2 3 3 2 2 1 3 3 3 4 2 2 2 4 2.30 2.56  Ultrasound w/s surgery  Morbidity (infection, amputation, permanent loss of limb function) 5 5 2 1 2 5 5 5 5 5 4 5 3 3 4 4 4 3 3.87 3.86  Radiographic Healing 4 3 2 2 2 2 2 3 3 4 3 3 3 4 4 4 3 3 2 2 3 3 3.00 3.13	Clinical Healing	2	3	2	2	2	2	2	1	1	3	2	2	3	1	2	4	2.13	2.13
positively affect the following health outcomes, where the outcome is causally related to the respective biophysical enhancement?  I(not likely) - 2 - 3(reasonably likely) + 4 - 5 (very likely)  Ultrasound w/surgery  Morbidity (infection, amputation, permanent loss of limb function) 5 4 2 1 2 5 5 5 5 5 2 5 5 3 2 1 5 3.56 3.56  Radiographic Healing 4 3 2 2 2 2 2 4 2 3 4 4 3 3 4 2 2 4 2.80 2.96  Clinical Healing 4 3 2 2 2 2 2 3 2 2 3 3 2 2 1 3 3 4 4 2 2 4 2.69 2.66  Radiographic Healing 4 3 2 2 2 2 2 3 2 2 1 3 3 3 4 2 2 2 4 2.30 2.56  Ultrasound w/o surgery  Morbidity (infection, amputation, permanent loss of limb function) 5 5 2 1 2 5 5 5 5 5 4 5 3 3 4 4 3 3.87 3.87  Radiographic Healing 4 4 2 2 2 2 3 4 3 3 3 4 4 4 3 3 2 3 3 3 4 4 4 3 3.87 3.87		2	3	2	2	2	2	2	1	1	2	2	2	3	1	2	4	2.00	2.06
Radiographic Healing 4 3 2 2 2 2 2 3 4 4 3 3 4 4 3 4 2 2 4 2.80 2.90  Clinical Healing 4 3 2 2 2 2 2 3 2 2 3 3 2 2 1 3 3 4 4 2 2 4 2.69 2.60  Radiographic Healing and Clinical Healing 4 3 2 2 2 2 2 3 2 2 1 3 3 4 2 2 2 4 2.30 2.50  Ultrasound w/o surgery  Morbidity (infection, amputation, permanent loss of limb functior) 5 5 2 1 2 5 5 5 5 5 4 5 3 3 4 4 3 3.87 3.87  Radiographic Healing 4 4 2 2 2 2 3 3 4 3 3 3 4 4 4 3 3 2 3 3.00 3.13	positively affect the following health outcomes, where the outcome is causally related to the respective biophysical enhancement?  I(not likely) - 2 - 3(reasonably likely) - 4 - 5 (very likely)																		
Clinical Healing   4   3   2   2   2   2   3   2   2   3   3	Morbidity (infection, amputation, permanent loss of limb function	) 5	4	2	1	2	5	5	5	5	2	5	5	3	2	1	5	3.56	3.56
Radiographic Healing and Clinical Healing 4 3 2 2 2 2 3 2 2 1 3 3 4 2 2 4 2.30 2.51  Ultrasound w/o surgery  Morbidity (infection, amputation, permanent loss of limb functior) 5 5 2 1 2 5 5 5 5 4 5 3 3 4 4 3.87 3.81  Radiographic Healing 4 4 2 2 2 2 3 4 3 3 3 4 4 4 4 4 3 2 3 3 3.00 3.11	Radiographic Healing	4	3	2	2	2	2	4	2	3	4	4	3	4	2	2	4	2.80	2.9
Ultrasound w/o surgery	Clinical Healing	4	3	2	2	2	2	3	2	2	3	3	3	4	2	2	4	2.69	2.6
Morbidity (infection, amputation, permanent loss of limb function)         5         5         2         1         2         5         5         5         4         5         3         3         4         4         3.87         3.87           Radiographic Healing         4         4         2         2         2         3         4         3         2         3         3.00         3.11		4	3	2	2	2	2	3	2	2	1	3	3	4	2	2	4	2.30	2.5
Radiographic Healing 4 4 2 2 2 3 4 3 3 4 4 4 4 3 2 3 3.00 3.1	Ultrasound w/o surgery							1			T								
Kadiographic resums	Morbidity (infection, amputation, permanent loss of limb function	) 5	5	2	1	2	5	5	5	5		4	5	3	3	4	4	3.87	3.8
Clinical Healing 4 4 2 2 2 3 3 3 2 4 3 4 3 2 3 2.93 2.93	Radiographic Healing	4	4	2	2	2	3	4	3	3		4	4	4	3	2	3	3.00	3.13
	Clinical Healing	4	4	2	2	2	3	3	3	2		4	3	4	3	2	3	2.93	2.93

Radiographic Healing and Clinical Healing	4	2	4	2	2	3	3	3	2		4	3	4	3	2	3	2.78	2.93
Internal electrical																		
Morbidity (infection, amputation, permanent loss of limb function	4	4	2	2	1	2	4	3	3	2	3	1	2	2	3	4	3.00	2.63
Radiographic Healing	3	2	2	2	2	2	2	3	2	2	1	2	2	2	4	4	2.20	2.31
Clinical Healing	3	2	2	2	2	2	2	3	2	2	1	3	3	2	4	4	2.44	2.44
Radiographic Healing and Clinical Healing	3	2	2	2	2	2	2	3	2	1	1	3	3	2	4	4	2.10	2.38
EC w/o surgery									•									
Morbidity (infection, amputation, permanent loss of limb function	) 5	3	2	1	2	4	4	5	5	2	4	4	2	2	4	4	3.31	3.31
Radiographic Healing	4	3	2	2	2	3	3	4	3	2	4	3	2	2	4	5	2.80	3.00
Clinical Healing	3	3	2	2	2	3	3	4	3	2	4	3	2	2	4	5	2.94	2.94
Radiographic Healing and Clinical Healing	3	3	2	2	2	3	3	4	3	1	4	3	2	2	4	5	2.60	2.88
EC w/surgery		1	1		ı	ı	ı		ı	ı			ı	T	ı	ı		
Morbidity (infection, amputation, permanent loss of limb function	) 4	2	2	1	2	4	4	5	5	3	3	3	3	3	4	4	3.25	3.25
Radiographic Healing	4	3	2	3	2	2	3	2	3	4	3	4	3	3	4	4	3.06	3.06
Clinical Healing	4	3	2	3	2	2	2	2	2	3	2	4	3	3	4	4	2.81	2.81
Radiographic Healing and Clinical Healing PEMF w/surgery	4	3	2	3	2	2	2	2	2	2	3	4	3	3	4	4	2.81	2.81
FEMF Wisuigery	. 5	2	2	1	2	4	5	5	4	3	4	4	3	4	5	4	3.56	3.56
Morbidity (infection, amputation, permanent loss of limb function	)											·						
Radiographic Healing	4	3	2	3	2	3	3	4	3	4	4	3	4	2	4	5	3.10	3.31
Clinical Healing	4	3	2	3	2	3	2	3	3	3	4	3	4	3	4	5	3.19	3.19
Radiographic Healing and Clinical Healing PEMF w/o surgery	4	3	2	3	2	3	2	3	3	2	4	3	4	3	4	5	2.70	3.13
Morbidity (infection, amputation, permanent loss of limb function	, 4	5	2	3	2	5	5	5	5		5	4	2	2	1	2	4.00	3.00
Radiographic Healing	4	4	2	3	2	3	4	4	3		4	4	4	3	5	5	3.22	3.60
Clinical Healing	4	4	2	3	2	3	3	4	3		4	4	5	3	5	5	3.60	3.60
Radiographic Healing and Clinical Healing	4	4	2	3	2	3	3	4	3		4	4	5	3	5	5	3.11	3.60
DBM:							l											
Morbidity (infection, amputation, permanent loss of limb function	) 4	4	3	3	3	3	2	4	3		3	3	4	4	5	4	3.22	3.47
Radiographic Healing	3	2	2	2	2	2	3	1	2		3	2	2	2	2	4	2.27	2.27
Clinical Healing	3	2	2	2	2	2	3	1	2		3	2	3	2	2	4	2.00	2.00
Radiographic Healing and Clinical Healing	3	2	2	2	2	2	3	1	2		3	2	3	2	2	4	2.18	2.33
BMP7:		ı	1		ı	ı	ı		ı	ı			ı		Г			
Morbidity (infection, amputation, permanent loss of limb function	) 5	5	3	1	3	3	4	3	2	2	3	3	3	4	5	4	3.31	3.31
Radiographic Healing	4	4	3	3	3	3	4	4	3	3	3	3	4	4	5	3	3.50	3.50
Clinical Healing	4	4	3	3	3	3	3	4	3	3	3	3	4	4	5	3	3.44	3.44
Radiographic Healing and Clinical Healing	4	4	3	3	3	3	3	4	3	2	3	3	4	4	5	4	3.44	3.44
BMP2:																_	0.75	0.75
Morbidity (infection, amputation, permanent loss of limb function	) 3	4	2	1	2	3	3	3	2	2	3	3	4	1	3	5	2.75	2.75
Radiographic Healing	3	3	2	2	2	2	1	1	1	3	3	3	5	2	3	5	2.56	2.56
Clinical Healing	3	3	2	2	2	2	2	1	1	3	3	2	5	3			2.43	2.43

' ·																		
Radiographic Healing and Clinical Healing	3	3	2	2	2	2	2	1	1	2	3	2	5	2	3	5	2.50	2.50
How confident are you that the following technologies will produce a clinically important net health benefit for patients with a nonunion fracture?																		
1(no confidence) - 2 - 3(Moderate confidence) - 4 - 5 (High confidence)					<del>,</del>	_	•		•	•			•	•				
Ultrasound w/o surgery	3	3	2	2	2	2	3	2	2	3	5	4	3	3	2	4	2.81	2.8
Ultrasound w/surgery	4	4	2	2	3	3	4	3	2	2	4	3	4	2	3	4	3.06	3.0
Internal Electrical Stimulation	3	2	1	2	2	2	2	3	2	2	2	2	3	2	4	4	2.38	2.3
EC w/o surgery	3	3	2	2	2	3	3	2	2	3	3	2	2	2	3	4	2.56	2.5
EC w/surgery	3	3	2	2	2	4	3	4	3	2	2	3	3	2	4	4	2.88	2.8
PEMF w/surgery	3	3	2	2	2	3	3	3	3	3	3	3	3	3	4	5	3.00	3.0
PEMF w/o surgery	4	4	2	2	2	4	4	4	3	3	3	3	4	3	5	5	3.44	3.4
DBM	2	2	1	2	2	3	3	1	1		3	3	3	2	3	4	2.33	2.3
BMP7:	4	5	2	3	3	4	4	4	3		3	4	5	4	5	4	3.80	3.8
BMP2:	3	3	1	2	2	4	3	1	1		3	2	5	1	3	5	2.60	2.0
						<u> </u>										_		_
6. How confident are you that the improved net health outcomes will hold for the off-label treatments of nonunion fractures using orthobiologic devices?		3	2	2	2			2	1	1	1		1	1	1	4	1.85	1.
6. How confident are you that the improved net health outcomes will hold for the off-label treatments of nonunion fractures using orthobiologic devices?  It No Confidence - 2 - 3(Moderatel Confidence 4 - 5 (High Confidence)  7. How likely is it that completely healed nonunion fractures resulting from these treatments can be generalized to:	3	3	2	2	2	2	2	2	1	1	1	2	1	1	1	4	1.85	
6. How confident are you that the improved net health outcomes will hold for the off-label treatments of nonunion fractures using orthobiologic devices?  It No Confidence - 2 - 3(Moderatel Confidence 4 - 5 (High Confidence)  7. How likely is it that completely healed nonunion fractures resulting from these treatments can be generalized to:		3	2	2	2			2	1	1	1		1 3	1	1	4	1.85	
6. How confident are you that the improved net health outcomes will hold for the off-label treatments of nonunion fractures using orthobiologic devices?  It No Confidence - 2 - 3(Moderatel Confidence 4 - 5 (High Confidence)  7. How likely is it that completely healed nonunion fractures resulting from these treatments can be generalized to:  It Not Likely 2 - 3-(Reasonably Likely) -5 (Very Likely)	3					2	2		3 3		3 3	2	3 3	3 2	1 4 4	4 3		3.0
6. How confident are you that the improved net health outcomes will hold for the off-label treatments of nonunion fractures using orthobiologic devices?  (1/No Confidence - 2 - 3/Moderatel Confidence 4 - 5 (High Confidence)  7. How likely is it that completely healed nonunion fractures resulting from these treatments can be generalized to:  ((Not Likely) 2 - 3-(Reasonably Likely)-5 (Very Likely)  a. Fracture types for which there are no clinical studies	3	4	3	3	2	2	2	3	-	3		2			<del>  </del>	_	3.06	3.
6. How confident are you that the improved net health outcomes will hold for the off-label treatments of nonunion fractures using orthobiologic devices?  1/(No Confidence - 2 - 3/(Moderatel Confidence 4 - 5 (High Confidence)  7. How likely is it that completely healed nonunion fractures resulting from these treatments can be generalized to:  1/(Not Likely ) 2 - 3-(Reasonably Likely )-5 (Very Likely)  a. Fracture types for which there are no clinical studies:  b. Providers (facilities/physicians) practice:  c. Medicare population  8. How confident are you that orthobiologics are equivalent in the treatment of nonunion fractures?	3	4 5	3	3	2 3	3 2	2 2 2	3	3	3	3	3 2	3	2	<del>  </del>	_	3.06	3.
6. How confident are you that the improved net health outcomes will hold for the off-label treatments of nonunion fractures using orthobiologic devices?  1/(No Confidence - 2 - 3/(Moderatel Confidence 4 - 5 (High Confidence)  7. How likely is it that completely healed nonunion fractures resulting from these treatments can be generalized to:  1/(Not Likely ) 2 - 3-(Reasonably Likely )-5 (Very Likely)  a. Fracture types for which there are no clinical studies:  b. Providers (facilities/physicians) practice:  c. Medicare population  8. How confident are you that orthobiologics are equivalent in the treatment of nonunion fractures?	3	4 5	3	3	2 3	3 2	2 2 2	3	3	3	3	3 2	3	2	<del>  </del>	_	3.06	3. 3.
6. How confident are you that the improved net health outcomes will hold for the off-label treatments of nonunion fractures using orthobiologic devices?  1/(No Confidence - 2 - 3/(Moderatel Confidence 4 - 5/(High Confidence))  7. How likely is it that completely healed nonunion fractures resulting from these treatments can be generalized to:  1/(Not Likely ) 2 - 3-(Reasonably Likely ) - 5/(Very Likely)  a. Fracture types for which there are no clinical studies:  b. Providers (facilities/physicians) practice:	3 4 4	4 5 4	3 3 3	3 3 3	2 3	3 2 2	2 2 2	3	3	3 3 4	3	3 2	3	2	<del>  </del>	3	3.06 3.00 3.21	3.3 3.3 3.2